

Which Container Holds More?

Elaboration 2 · Comparing capacity with sand

ELABORATION FOCUS

Comparing the capacity of containers by filling them with sand, recording the counts, explaining the process and justifying which holds the most.

LEARNING INTENTION I can compare containers and say how much more.

Fill it

Level it

Count it

Record it

Justify it

1

Fill and Level

Step 1: fill the scoop right up.
Step 2: level it off flat every time.

2

Count and Record

Step 3: count the scoops into each container. Step 4: write each count in a table.

3

Compare and Justify

Step 5: find how many more one holds. Step 6: say why your answer is fair.

MODEL · COMPARING THREE CONTAINERS

Each container is filled with sand using the same level cup.

Same cup, filled level, every time

Jug



8 cups

Bowl



5 cups

The jug holds the most · $8 - 5 = 3$ cups more

The jug holds 3 cups more than the bowl, because 8 cups is 3 more than 5.

TEACHER MODELLING ROUTINE I do → We do → You do

WATCH FOR

Heaped scoops, part-full scoops, or swapping to a different sized cup.

REMEMBER

Say it to students as: "Same cup, filled level, every single time."

MATERIALS

Sand, rice, cups, spoons, scoops, jugs, bowls, bottles, trays, recording sheets.